WE CLAIM AS OUR INVENTION:

1. A magnetic resonance surface coil unit comprising:

a magnetic resonance resonator coil;

a closed housing surrounding said coil; and

a recessed grip in said housing formed by an access opening in a surface of said housing communicating a cavity disposed in an interior of said housing, said access opening having a first dimension and a second dimension that is shorter than said first dimension, and said cavity extending in said housing to at least one side of said access opening in a direction of said second dimension, forming a gripper part in a region of said housing next to said access opening.

2. A magnetic resonance surface coil unit as claimed in claim 1 comprising structurally reinforcement in said region of said housing forming said gripper part.

3. A magnetic resonance surface coil unit as claimed in claim 1 wherein said access opening has an oblong shape with said first and second dimensions being adapted for gripping with a human hand.

4. A magnetic resonance surface coil unit as claimed in claim 1 wherein said first and second dimensions of said access opening are dimensioned to allow insertion of a plurality of fingers of a human hand.

5. A magnetic resonance surface coil unit as claimed in claim 5 wherein said housing has a housing side adapted to be accessible in an installed state of the magnetic resonance surface coil unit, and wherein said access opening is disposed at said housing side.

6. A magnetic resonance surface coil unit as claimed in claim 1 further comprising a second access opening in communication with said cavity, said first and second access openings and said cavity forming a passage extending completely through said housing.

7. A magnetic resonance surface coil unit as claimed in claim 1 wherein said coil at least partially surrounds said region of said housing forming said gripper part.

8. A magnetic resonance surface coil unit as claimed in claim 1 comprising a coil array formed by a plurality of magnetic resonance resonator coils, including said magnetic resonance resonator coil, and wherein one of said magnetic resonance resonator coils in said plurality at least partially surrounds said region of said housing forming said gripper part.

9. A magnetic resonance surface coil unit as claimed in claim 1 wherein said housing has a center of gravity, and wherein said recessed grip is disposed substantially at said center of gravity.

10. A magnetic resonance surface coil unit as claimed in claim 1 wherein said housing has an edge, and wherein said recessed grip is disposed next to said edge.

11. A magnetic resonance surface coil unit as claimed in claim 1 wherein said housing has a rectangular shape with a shorter side and a longer side, and wherein said recessed grip is disposed at said longer side.

12. A magnetic resonance surface coil unit as claimed in claim 11 wherein said housing has a center of gravity disposed at a height within said housing, and wherein said recessed grip is disposed at said height of said center of gravity.

13. A magnetic resonance surface coil unit as claimed in claim 1 wherein said housing has a center of gravity and wherein said recessed grip is a first recessed grip, and comprising a second recessed grip, said first and second recessed grips being disposed symmetrically relative to said center of gravity.

14. A magnetic resonance surface coil unit as claimed in claim 13 wherein said first and second recessed grips form a first pair of recessed grips, and comprising a third recessed grip and a fourth recessed grip forming a second pair of recessed grips, said first and second pairs of recessed grips being disposed mirror symmetrically to each other.

15. A magnetic resonance surface coil unit as claimed in claim 14 wherein said housing has an edge, and wherein said first and second pairs of recessed grips are disposed relative to an access of symmetry defined by a shortest line connecting said center of gravity with said edge.

16. A magnetic resonance surface coil unit as claimed in claim 1 wherein said housing has first and second opposite edges and wherein said recessed grip is a first recessed grip, and comprising a second recessed grip and a third recessed grip, said first and second recessed grips being disposed at said first edge and said third recessed grip being disposed at said second edge.